

Bulmers Farmfresh Vegetables P/L
30 Bulmers Lane
Lindnow VIC, AUSTRALIA, 3865

Attention: Lee McKenzie

Overall Description: Spinach

Our Ref No: FM1917071

Your Ref: 845

Project:

Report Date: 14 Mar 2019

Samples Received: 05 Mar 2019

This report cannot be reproduced except in full, without written approval from the laboratory.
Samples tested as received into the laboratory.

Sample Details: Test Description	Results	Units	Site
001 Spinach (NATA Accredited)			
C3 Pesticide Screen	Acephate	<0.020	mg/kg VIC
C3 Pesticide Screen	Aldrin	<0.020	mg/kg VIC
C3 Pesticide Screen	Azinphos Methyl	<0.010	mg/kg VIC
C3 Pesticide Screen	Aziphos ethyl	<0.010	mg/kg VIC
C3 Pesticide Screen	Benalaxyl	<0.010	mg/kg VIC
C3 Pesticide Screen	Bifenthrin	<0.010	mg/kg VIC
C3 Pesticide Screen	Bioresmethrin	<0.010	mg/kg VIC
C3 Pesticide Screen	Bitertanol	<0.010	mg/kg VIC
C3 Pesticide Screen	Bromophos ethyl	<0.010	mg/kg VIC
C3 Pesticide Screen	Bupirimate	<0.010	mg/kg VIC
C3 Pesticide Screen	Buprofezin	<0.010	mg/kg VIC
C3 Pesticide Screen	Captan	<0.010	mg/kg VIC
C3 Pesticide Screen	Carbaryl	<0.010	mg/kg VIC
C3 Pesticide Screen	Chlordane-cis	<0.010	mg/kg VIC
C3 Pesticide Screen	Chlordane-trans	<0.010	mg/kg VIC
C3 Pesticide Screen	Chlorfenapyr	<0.010	mg/kg VIC
C3 Pesticide Screen	Chlorfenvinphos	<0.010	mg/kg VIC
C3 Pesticide Screen	Chlorpyrifos	<0.010	mg/kg VIC
C3 Pesticide Screen	Chlorpyrifos methyl	<0.010	mg/kg VIC
C3 Pesticide Screen	Chlorthal dimethyl	<0.010	mg/kg VIC
C3 Pesticide Screen	Cyflutrine	<0.040	mg/kg VIC
C3 Pesticide Screen	Cyhalotrine	<0.010	mg/kg VIC
C3 Pesticide Screen	Cypermethrin	1.2	mg/kg VIC
C3 Pesticide Screen	Cyproconazole	<0.010	mg/kg VIC
C3 Pesticide Screen	Cyprodinil	<0.010	mg/kg VIC
C3 Pesticide Screen	o,p-DDD	<0.010	mg/kg VIC
C3 Pesticide Screen	p,p-DDD	<0.010	mg/kg VIC
C3 Pesticide Screen	p,p-DDE	<0.010	mg/kg VIC
C3 Pesticide Screen	o,p-DDT	<0.010	mg/kg VIC
C3 Pesticide Screen	p,p-DDT	<0.010	mg/kg VIC
C3 Pesticide Screen	Deltamethrin	<0.010	mg/kg VIC
C3 Pesticide Screen	Demeton-S-methyl	<0.010	mg/kg VIC

NATA: NSW - 1247 (site: 2040) **VIC -** 1247 (sites: 1240, 16438) **QLD -** 1247 (site: 23818)
TGA: NSW - MI- 2012 - LI - 05733 - 3 **VIC -** MI-2012 - LI - 06776 - 3
APVMA: NSW - 6179 **VIC -** 6181

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C3 Pesticide Screen	Diazinon	<0.010	mg/kg	VIC
C3 Pesticide Screen	Dichlofluanid	<0.010	mg/kg	VIC
C3 Pesticide Screen	Dichlorvos	<0.010	mg/kg	VIC
C3 Pesticide Screen	Dicloran	<0.010	mg/kg	VIC
C3 Pesticide Screen	Dicofol	<0.010	mg/kg	VIC
C3 Pesticide Screen	Dieldrin	<0.010	mg/kg	VIC
C3 Pesticide Screen	Difenoconazole	<0.010	mg/kg	VIC
C3 Pesticide Screen	Dimethoate	<0.020	mg/kg	VIC
C3 Pesticide Screen	Dimethomorph	<0.020	mg/kg	VIC
C3 Pesticide Screen	Diphenylamine	<0.010	mg/kg	VIC
C3 Pesticide Screen	Disulfoton	<0.010	mg/kg	VIC
C3 Pesticide Screen	Endosulphan alpha	<0.010	mg/kg	VIC
C3 Pesticide Screen	Endosulphan beta	<0.010	mg/kg	VIC
C3 Pesticide Screen	Endosulphan-sulphate	<0.010	mg/kg	VIC
C3 Pesticide Screen	Endrin	<0.040	mg/kg	VIC
C3 Pesticide Screen	Esfenvalerate	<0.010	mg/kg	VIC
C3 Pesticide Screen	Ethoprophos	<0.010	mg/kg	VIC
C3 Pesticide Screen	Fenamiphos	<0.010	mg/kg	VIC
C3 Pesticide Screen	Fenarimol	<0.010	mg/kg	VIC
C3 Pesticide Screen	Fenitrothion	<0.010	mg/kg	VIC
C3 Pesticide Screen	Fenoxycarb	<0.010	mg/kg	VIC
C3 Pesticide Screen	Fenthion	<0.010	mg/kg	VIC
C3 Pesticide Screen	Fenvalerate	<0.010	mg/kg	VIC
C3 Pesticide Screen	Fipronil	<0.010	mg/kg	VIC
C3 Pesticide Screen	Fludioxonil	<0.010	mg/kg	VIC
C3 Pesticide Screen	Flusilazole	<0.010	mg/kg	VIC
C3 Pesticide Screen	Fluvalinate	<0.010	mg/kg	VIC
C3 Pesticide Screen	HCB	<0.010	mg/kg	VIC
C3 Pesticide Screen	HCH Alpha	<0.010	mg/kg	VIC
C3 Pesticide Screen	HCH Beta	<0.010	mg/kg	VIC
C3 Pesticide Screen	HCH Delta	<0.010	mg/kg	VIC
C3 Pesticide Screen	Heptachlor epoxide	<0.010	mg/kg	VIC
C3 Pesticide Screen	Hexaconazole	<0.010	mg/kg	VIC
C3 Pesticide Screen	Hexythiazox	<0.010	mg/kg	VIC
C3 Pesticide Screen	Imazalil	<0.010	mg/kg	VIC
C3 Pesticide Screen	Indoxacarb	<0.020	mg/kg	VIC
C3 Pesticide Screen	Iprodione	<0.010	mg/kg	VIC
C3 Pesticide Screen	Kresoxim-methyl	<0.010	mg/kg	VIC
C3 Pesticide Screen	Lindane Gamma HCH	<0.010	mg/kg	VIC
C3 Pesticide Screen	Linuron	<0.010	mg/kg	VIC
C3 Pesticide Screen	Malathion	<0.010	mg/kg	VIC
C3 Pesticide Screen	Metalaxyl	<0.010	mg/kg	VIC
C3 Pesticide Screen	Metamidophos	<0.010	mg/kg	VIC
C3 Pesticide Screen	Methacrifos	<0.010	mg/kg	VIC
C3 Pesticide Screen	Methidathion	<0.010	mg/kg	VIC
C3 Pesticide Screen	Metribuzin	<0.010	mg/kg	VIC
C3 Pesticide Screen	Mevinphos	<0.010	mg/kg	VIC
C3 Pesticide Screen	Monocrotophos	<0.010	mg/kg	VIC
C3 Pesticide Screen	Myclobutanil	<0.010	mg/kg	VIC
C3 Pesticide Screen	Omethoate	<0.020	mg/kg	VIC
C3 Pesticide Screen	o-Phenylphenol	<0.010	mg/kg	VIC
C3 Pesticide Screen	Oxyfluorfen	<0.010	mg/kg	VIC
C3 Pesticide Screen	Paclobutrazol	<0.010	mg/kg	VIC

C3 Pesticide Screen	Paration methyl	<0.010	mg/kg	VIC
C3 Pesticide Screen	Penconazole	<0.010	mg/kg	VIC
C3 Pesticide Screen	Pendimethalin	<0.010	mg/kg	VIC
C3 Pesticide Screen	Permethrin	<0.020	mg/kg	VIC
C3 Pesticide Screen	Phenothrin	<0.020	mg/kg	VIC
C3 Pesticide Screen	Phorate	<0.020	mg/kg	VIC
C3 Pesticide Screen	Phosmet	<0.010	mg/kg	VIC
C3 Pesticide Screen	Piperonyl Butoxide	<0.010	mg/kg	VIC
C3 Pesticide Screen	Pirimicarb	<0.010	mg/kg	VIC
C3 Pesticide Screen	Pirimiphos Methyl	<0.010	mg/kg	VIC
C3 Pesticide Screen	Prochloraz	<0.020	mg/kg	VIC
C3 Pesticide Screen	Procymidone	<0.010	mg/kg	VIC
C3 Pesticide Screen	Profenofos	<0.010	mg/kg	VIC
C3 Pesticide Screen	Propargite	<0.020	mg/kg	VIC
C3 Pesticide Screen	Propiconazole	<0.010	mg/kg	VIC
C3 Pesticide Screen	Prothiofos	<0.010	mg/kg	VIC
C3 Pesticide Screen	Pyrimetanil	<0.010	mg/kg	VIC
C3 Pesticide Screen	Pyriproxifen	<0.010	mg/kg	VIC
C3 Pesticide Screen	Quintozene	<0.010	mg/kg	VIC
C3 Pesticide Screen	Simazine	<0.010	mg/kg	VIC
C3 Pesticide Screen	Tebuconazole	<0.010	mg/kg	VIC
C3 Pesticide Screen	Tebufenpyrad	<0.010	mg/kg	VIC
C3 Pesticide Screen	Terbufos	<0.010	mg/kg	VIC
C3 Pesticide Screen	Tetradifon	<0.010	mg/kg	VIC
C3 Pesticide Screen	Tolclophos-methyl	<0.010	mg/kg	VIC
C3 Pesticide Screen	Triadimefon	<0.010	mg/kg	VIC
C3 Pesticide Screen	Triadimenol	<0.020	mg/kg	VIC
C3 Pesticide Screen	Vinclozolin	<0.010	mg/kg	VIC
C5 Pesticide Screen	Abamectin	<0.020	mg/kg	VIC
C5 Pesticide Screen	Azoxystrobin	<0.020	mg/kg	VIC
C5 Pesticide Screen	Boscalid	<0.020	mg/kg	VIC
C5 Pesticide Screen	Carbendazim	<0.020	mg/kg	VIC
C5 Pesticide Screen	Chlorantraniliprole	<0.020	mg/kg	VIC
C5 Pesticide Screen	Diuron	<0.020	mg/kg	VIC
C5 Pesticide Screen	Fenhexamid	<0.020	mg/kg	VIC
C5 Pesticide Screen	Fenpyroximate	<0.020	mg/kg	VIC
C5 Pesticide Screen	Flubendiamide	<0.020	mg/kg	VIC
C5 Pesticide Screen	Imidacloprid	<0.020	mg/kg	VIC
C5 Pesticide Screen	Methomyl	<0.020	mg/kg	VIC
C5 Pesticide Screen	Methomyl oxime	<0.020	mg/kg	VIC
C5 Pesticide Screen	Prosulfocarb	<0.020	mg/kg	VIC
C5 Pesticide Screen	Pymetrozine	<0.020	mg/kg	VIC
C5 Pesticide Screen	Pyraclostrobin	<0.020	mg/kg	VIC
C5 Pesticide Screen	Pyrasulfatole	<0.050	mg/kg	VIC
C5 Pesticide Screen	Spinetoram	<0.020	mg/kg	VIC
C5 Pesticide Screen	Spinosad	<0.020	mg/kg	VIC
C5 Pesticide Screen	Spirotetramat	<0.020	mg/kg	VIC
C5 Pesticide Screen	Tebufenozide	<0.020	mg/kg	VIC
C5 Pesticide Screen	Thiabendazole	<0.020	mg/kg	VIC
C5 Pesticide Screen	Thiacloprid	<0.020	mg/kg	VIC
C5 Pesticide Screen	Thiamethoxam	<0.020	mg/kg	VIC
C5 Pesticide Screen	Trifloxystrobin	<0.020	mg/kg	VIC
FC0074	Arsenic	<0.10	mg/kg	NSW

FC0074	Cadmium	<0.10	mg/kg	NSW
FC0074	Lead	<0.10	mg/kg	NSW
FC0074	Mercury*	< 0.1	mg/kg	NSW

*NATA accreditation does not cover the performance of this service.
 Measurement of Uncertainty values for your compliance are available at <https://www.alsglobal.com/au/services-and-products/food-safety/laboratory-downloads/client-downloads>.

Signatories

This document has been electronically signed by the authorized signatories indicated below. Electronic signing has been carried out in compliance with procedures specified in 21 CFR Part 11.



<i>Signatories</i>	<i>Position</i>	<i>Accreditation Category</i>
Karl Kusko	Laboratory Manager	Food Chemistry
Rinki Sharma	Team Leader - Metals	PC - Metals

General Comments

N/D = Not Detected, < = Less than, > = Greater than, cfu = colony forming unit, MPN = Most Probable Number, PN = Probable Number, Y = Yeast, M = Mould, ~ = Estimate

FC0074 not NATA accredited for Mercury*

All results are within Maximum Residue Limits (MRL) as outlined in the Australia New Zealand Food Standards Code (FSANZ Schedule 20) unless otherwise stated.

Where a result is required to meet compliance limits the associated uncertainty must be considered. Please contact ALS Signatories for details.